

Converting Colors

YUV(111.5100, 3.1996, 0.4297)

Have a look what the booklet for
YUV(111.5100, 3.1996, 0.4297)
contains.

YUV(111.5100, 3.1996, 0.4297)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(111.5100, 3.1996,
0.4297)**

Conversions

Conversions Part 1

Format	Color
Hex	706E76
RGB	112, 110, 118
RGB Percent	44%, 43%, 46%
CMY	0.5608, 0.5686, 0.5373
CMYK	0.05, 0.07, 0.00, 0.54
HSL	255°, 4%, 45%
HSV	255°, 7%, 46%
XYZ	15.5280, 15.9046, 19.3910
YIQ	111.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

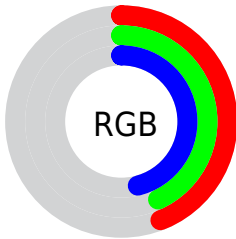
Format	Color
R_{YB}	112, 110, 118
Decimal	7368310
CIE _{Lab}	46.85, 2.43, -4.16
CIE _{LCh}	47, 4.823, 300.316
Yxy	15.9046, 0.3055, 0.3129
Android (android.graphics.Color)	4285558390 (0xFF706E76)
YUV	111.5100, 3.1996, 0.4297
Hunter-Lab	39.8806, -0.2897, -0.9120

Details

The YUV color **111.5100, 3.1996, 0.4297** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **116.4900, -3.1996, -0.4297**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5100, 3.1996, 0.4297**, and **64.0970, 2.9102, -0.0851** is the 20% darker color. If you saturate the color by 10%, you get **101.7750, 7.9989, 1.0743**, and if you desaturate by 10%, it is **121.2450, -1.5998, -0.2149**.

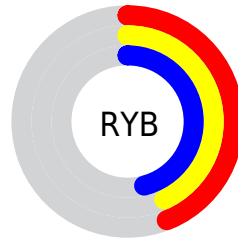
Distribution



Red (44%)

Green (43%)

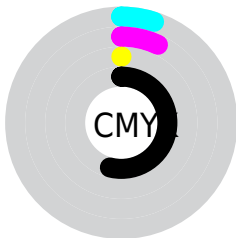
Blue (46%)



Red (44%)

Yellow (43%)

Blue (46%)

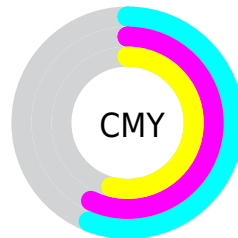


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (54%)



Cyan (56%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5100, 3.1996, 0.4297 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 111.5100, 3.1996, 0.4297 by changing the saturation by 10% instead.

■ 111.5100, 3.1996,
0.4297

■ 111.5100, 3.1996,
0.4297

■ 255.0000, 0.0000,
0.0000

■ 87.3960, 2.7628,
0.5297

■ 163.5100, 3.1996,
0.4297

■ 64.0970, 2.9102,
-0.0851

■ 190.5100, 3.1996,
0.4297

■ 41.9830, 2.4734,
0.0149

■ 217.9230, 3.4890,
0.9445

■ 21.3960, 2.7628,
0.5297

■ 246.6240, 3.6364,
0.3298

■ 0.0000, 0.0000,
0.0000

■ 111.5100, 3.1996,

■ 111.5100, 3.1996,

0.4297

■ 101.7750, 7.9989,
1.0743

■ 92.0400, 12.7983,
1.7189

■ 82.8920, 17.3082,
1.8487

■ 73.4560, 21.9602,
3.1081

■ 63.7210, 26.7595,
3.7527

■ 53.9860, 31.5589,
4.3973

■ 44.2510, 36.3583,
5.0419

■ 35.1030, 40.8682,
5.1717

0.4297

■ 121.2450, -1.5998,
-0.2149

■ 130.9800, -6.3991,
-0.8595

■ 140.1280,
-10.9091, -0.9893

■ 149.5640,
-15.5611, -2.2486

■ 159.2990,
-20.3604, -2.8932

■ 169.0340,
-25.1598, -3.5378

■ 178.7690,
-29.9591, -4.1824

■ 187.9170,
-34.4691, -4.3122

■ 25.3680, 45.6676,
5.8163

■ 197.6520,
-39.2684, -4.9568

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



110.7160, 4.0840, -3.2589



111.5100, 3.1996, 0.4297



112.0760, 1.4415, 4.3183

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



111.5100, 3.1996, 0.4297



111.1210, -3.5107, 6.0329



110.0700, 0.4585, -7.0774

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



111.5100, 3.1996, 0.4297



116.4900, -3.1996, -0.4297

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



109.9240, -1.4415, -4.3183



111.5100, 3.1996, 0.4297



111.2840, -4.0840, 3.2589

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



111.5100, 3.1996, 0.4297



112.0610, -2.4951, 6.9625



110.4900, -3.1996, -0.4297



109.6400, 2.6425, -7.5773

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



111.5100, 3.1996, 0.4297



111.8590, 0.5625, 6.2627



110.4900, -3.1996, -0.4297



109.6680, 0.1637, -5.8478

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



111.5100, 3.1996, 0.4297



150.6410, 1.1630, 0.3148



114.4340, 1.7580, -3.8886



75.2280, 0.8736, -0.2000



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.5100, 3.1996, 0.4297



143.2650, 4.7994, 0.6446



112.7060, 2.6099, 2.8888



53.9830, 2.4734, 0.0149



23.1770, 48.7197, 6.8608



47.0380, 100.0603, 13.1217

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



113.0760, 1.4415, 4.3183



145.6140, 2.1623, 6.4775



115.2940, -2.6099, -2.8888



55.2500, 0.8628, 3.2888



46.9660, 22.2018, 65.8048



96.0680, 44.8295, 134.9984

Previews

White Background



This preview shows how the YUV color 111.5100, 3.1996, 0.4297 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.5100, 3.1996, 0.4297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

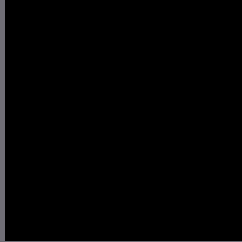
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

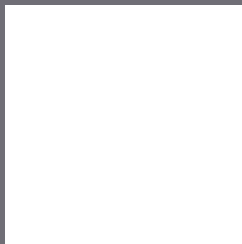
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.5100, 3.1996, 0.4297

Background



This preview shows how black text looks on a background with the YUV color 111.5100, 3.1996, 0.4297.



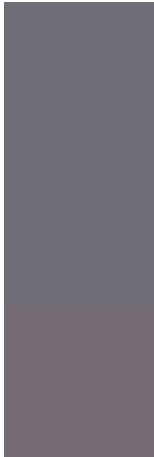
This preview shows how white text looks on a background with the YUV color 111.5100, 3.1996,

0.4297.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

111.5100, 3.1996, 0.4297

Protanopia

111.2110, 3.3470, -0.1850

Deuteranopia

112.1300, 2.8939, 5.1480



Tritanopia

111.6240, 3.6364, 0.3298

Trichromacy



Original Color

111.5100, 3.1996, 0.4297

Protanomaly

111.2110, 3.3470, -0.1850

Deuteranomaly

112.1190, 2.8993, 3.4036

Tritanomaly

111.6240, 3.6364, 0.3298

Monochromacy



Original Color

111.5100, 3.1996, 0.4297

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.6410, 1.1630, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5100, 3.1996, 0.4297 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(112, 110, 118)` looks like.

```
.text, #text, p{  
    color:rgb(112, 110, 118)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(112, 110, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 110, 118) }
```

Border

The CSS property to change the border of an element to YUV 111.5100, 3.1996, 0.4297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 110, 118) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(112, 110, 118) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(112, 110, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 110, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 110, 118);  
box-shadow:4px 4px 4px 4px rgb(112, 110,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 111.5100, 3.1996, 0.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 110, 118) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(112,  
110, 118) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor